



# Anti-Von Willebrand factor monoclonal antibody, clone 21-43 (CABT-49487MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Human von Willebrand Factor antibody, clone 21-43 reacts with human von Willebrands factor (also known as Factor VIII related antigen) in both plasma and tissues. Mouse anti Human von Willebrand Factor antibody, clone 21-43 does not have anti-coagulant activity. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
<b>Specificity</b>	VWF
<b>Target</b>	Von Willebrand factor
<b>Immunogen</b>	Factor VIII complex
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Rat
<b>Clone</b>	21-43
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; IF; IHC-P
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	50 µl
<b>Preservative</b>	0.02% Sodium Azide

<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">VWF von Willebrand factor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	VWF
<b>Synonyms</b>	VWF; von Willebrand factor; VWD; F8VWF; coagulation factor VIII VWF;
<b>Entrez Gene ID</b>	<a href="#">7450</a>
<b>Protein Refseq</b>	<a href="#">NP_000543</a>
<b>UniProt ID</b>	P04275
<b>Chromosome Location</b>	12p13.3
<b>Pathway</b>	Blood Clotting Cascade; Complement and Coagulation Cascades; Complement and coagulation cascades; ECM-receptor interaction; Focal Adhesion; Focal adhesion; Formation of Fibrin Clot (Clotting Cascade); GP1b-IX-V activation signalling;
<b>Function</b>	chaperone binding; collagen binding; glycoprotein binding; identical protein binding; immunoglobulin binding; integrin binding; protease binding; protein N-terminus binding; protein binding; protein homodimerization activity;